

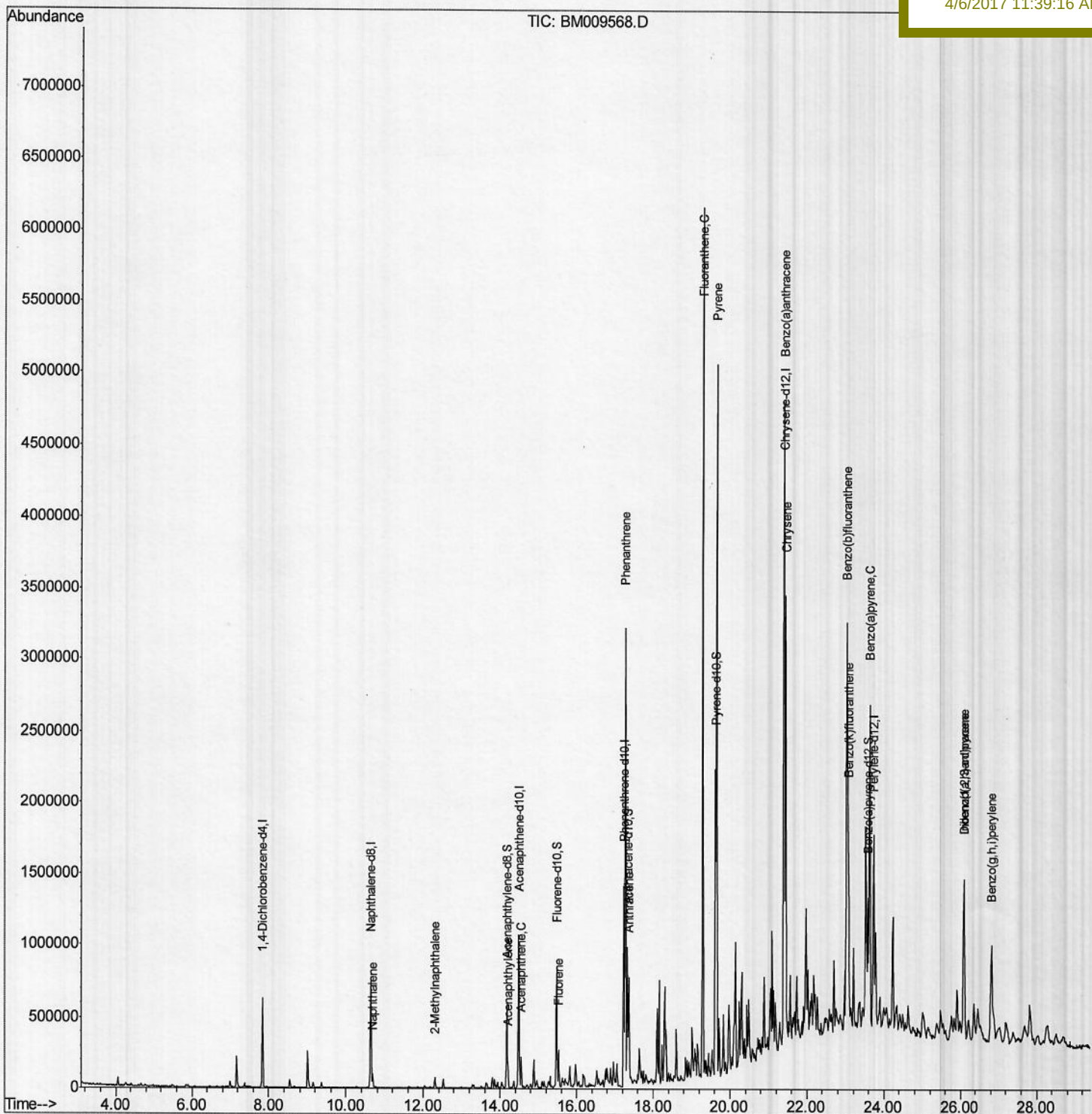
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009568.D
Acq On : 05 Apr 2017 21:22
Operator : SJ/MA
Sample : I2285-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB340

Quant Time: Apr 06 03:52:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
4/6/2017 11:39:16 AM



Quantitation Report (Qedit)

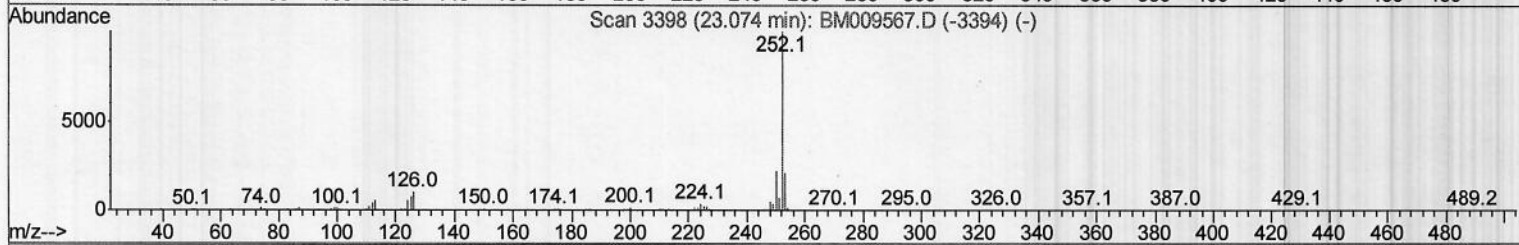
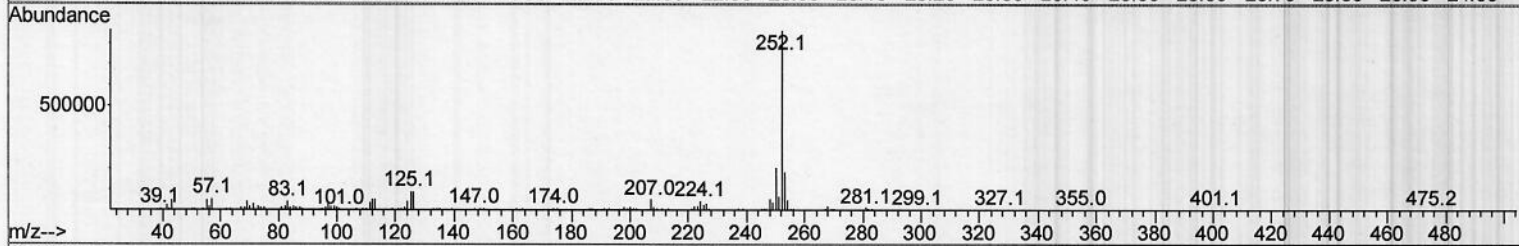
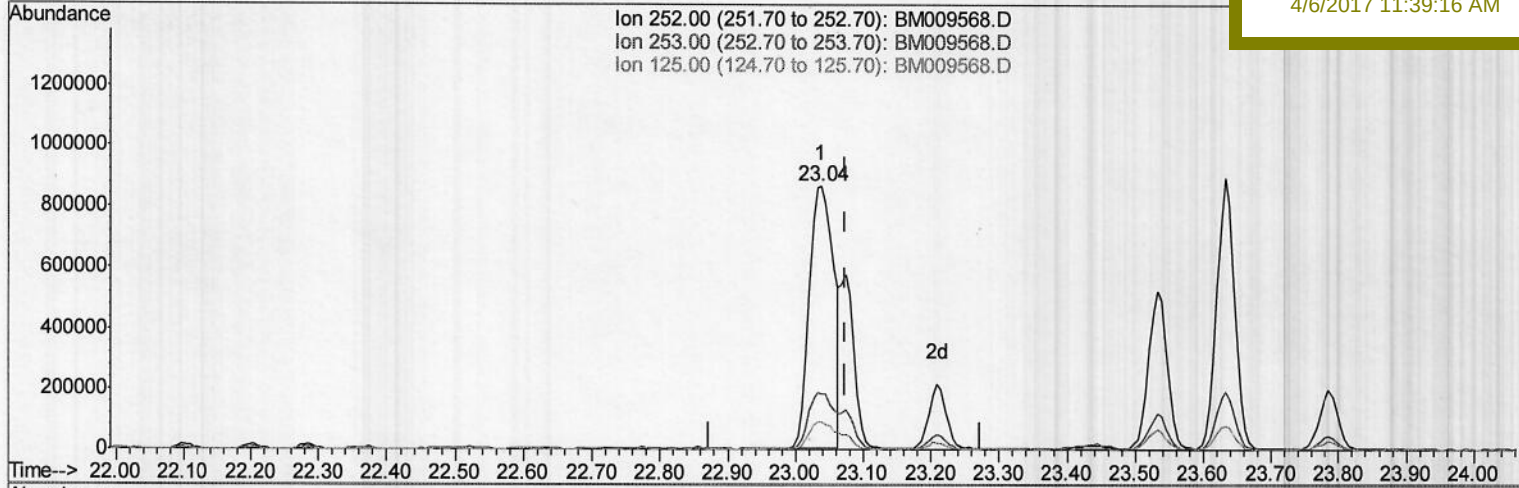
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TIC: BM009568.D

(25) Benzo(k)fluoranthene

23.039min (-0.035) 34.98ng/ul

response 2156642

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.20
125.00	11.00	10.51
0.00	0.00	0.00

Quantitation Report (Qedit)

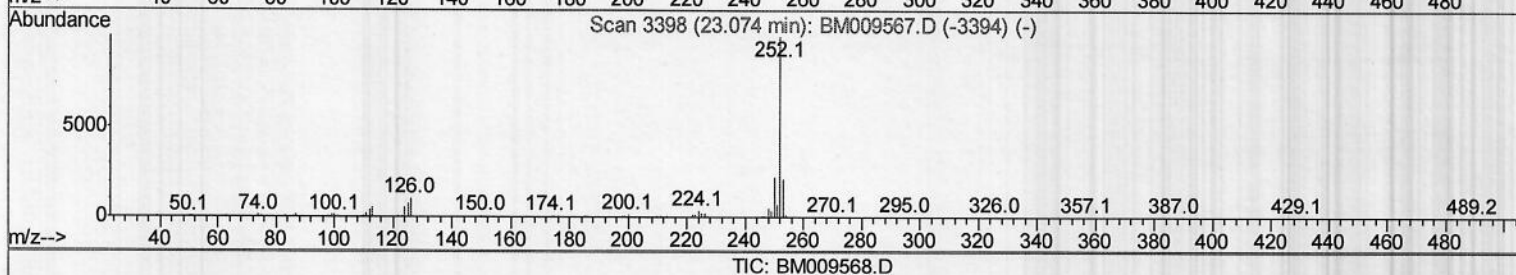
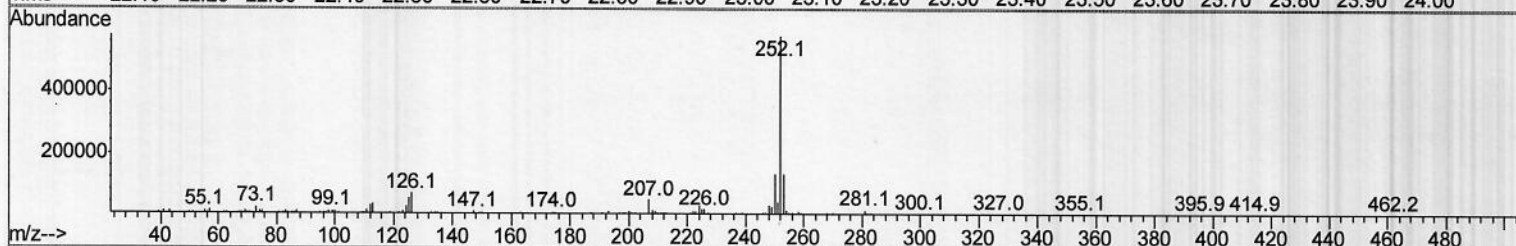
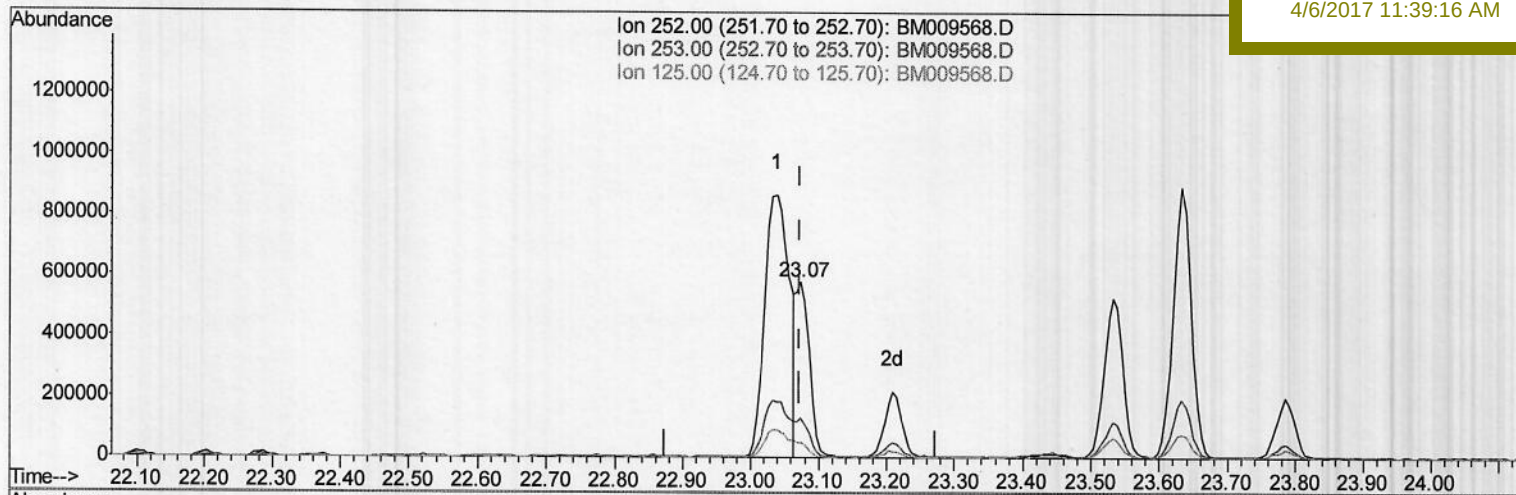
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Manual Integrations
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(25) Benzo(k)fluoranthene

23.074min (+0.000) 13.15ng/ul m

response 810529

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.59
125.00	11.00	8.80#
0.00	0.00	0.00

55
 04/10/2017

Quantitation Report (Qedit)

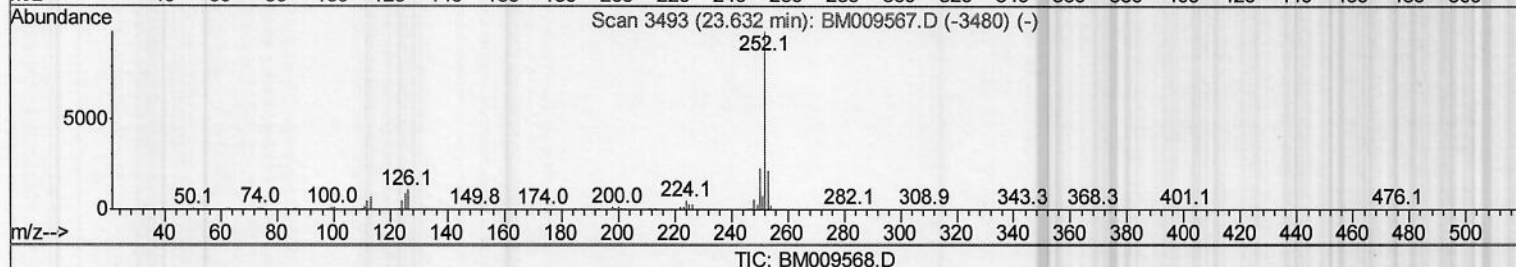
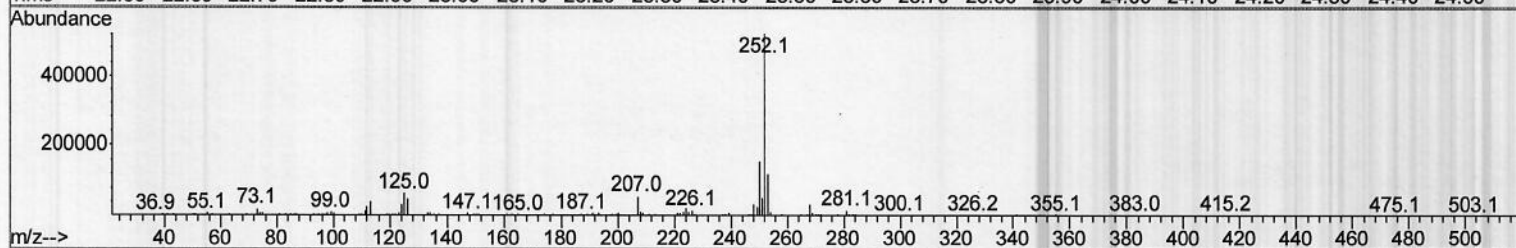
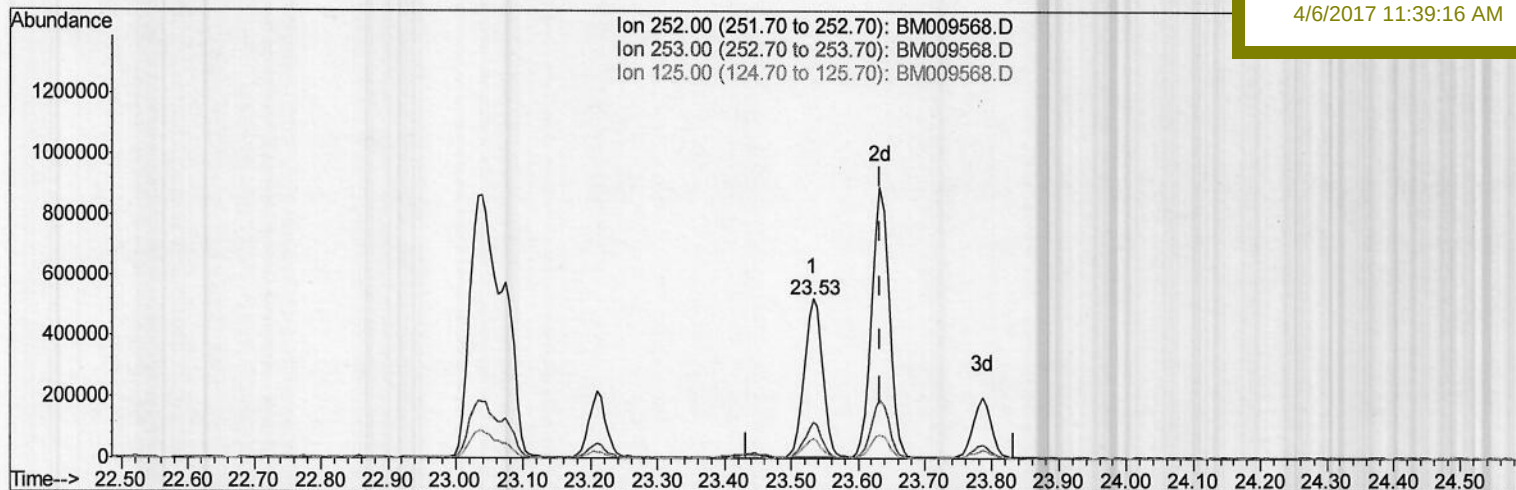
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Manual Integrations
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(27) Benzo(a)pyrene (C)

23.533min (-0.100) 16.18ng/ul

response 995180

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.44
125.00	11.80	12.21
0.00	0.00	0.00

Quantitation Report (Qedit)

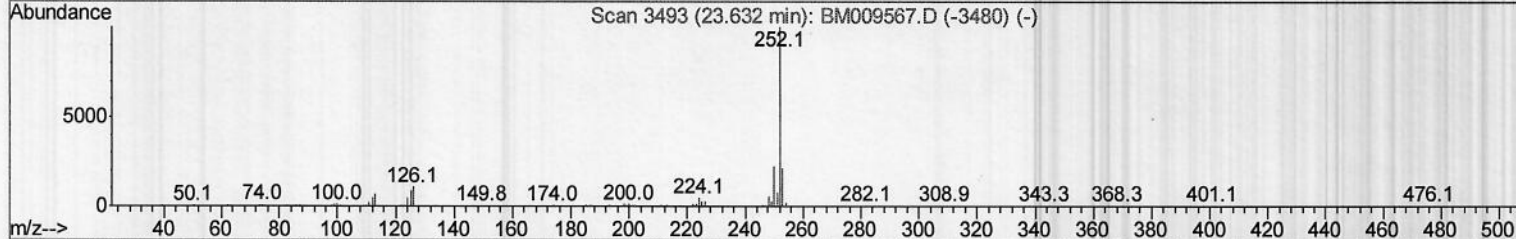
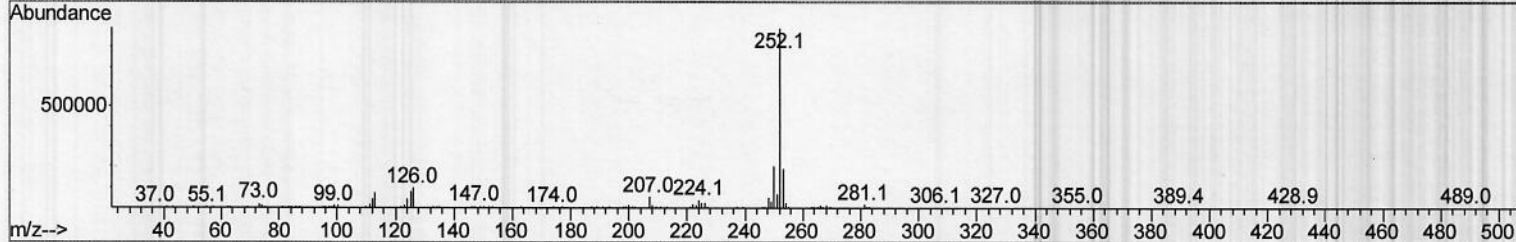
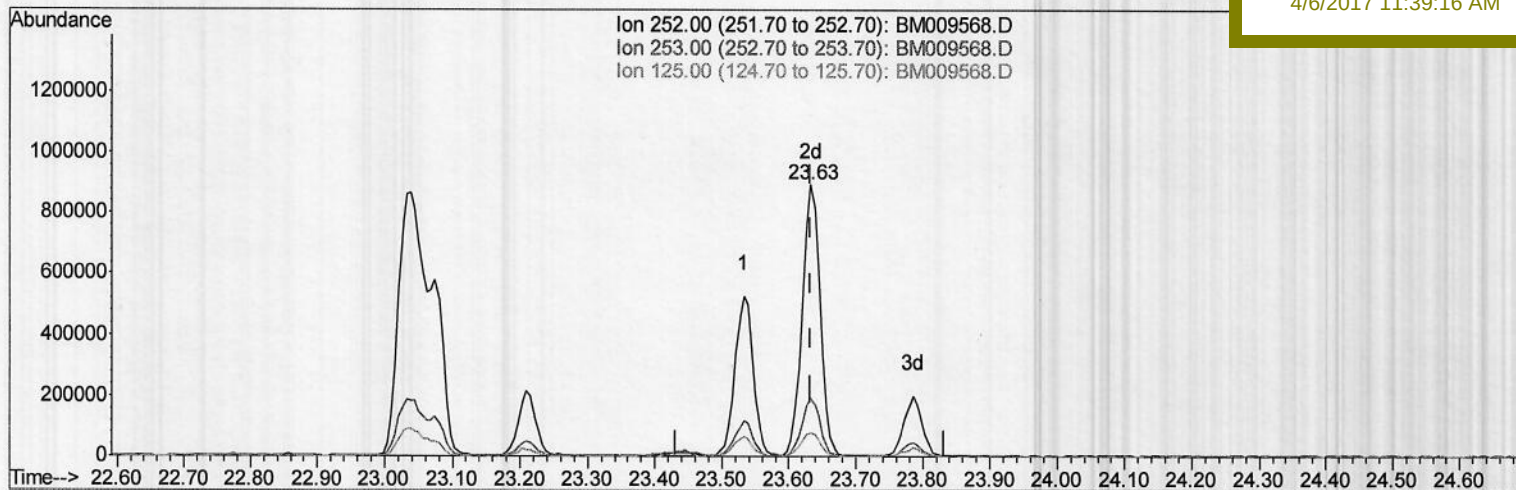
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 Data File : BM009568.D
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 Operator : SJ/MA
 Sample : I2285-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM009568.D

(27) Benzo(a)pyrene (C)

23.633min (+0.000) 26.89ng/ul m >

response 1654656

55
 04/10/2017

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.47
125.00	11.80	8.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

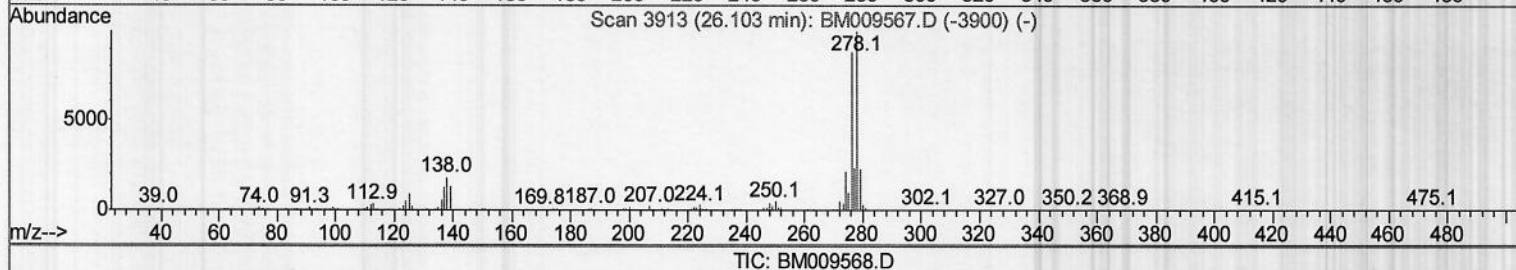
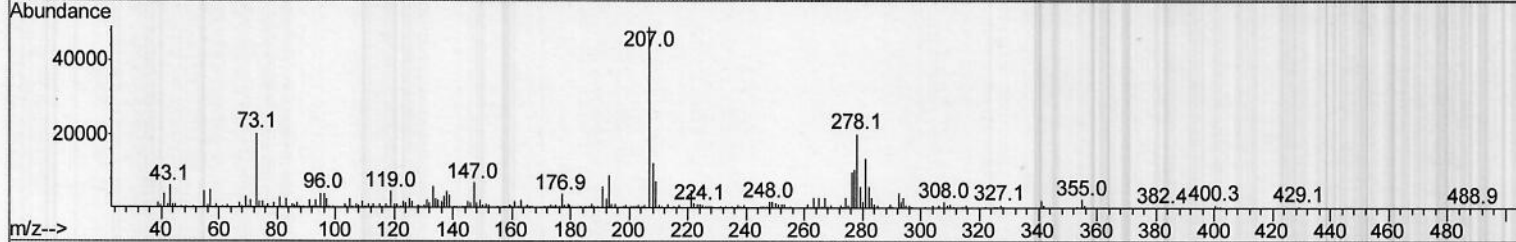
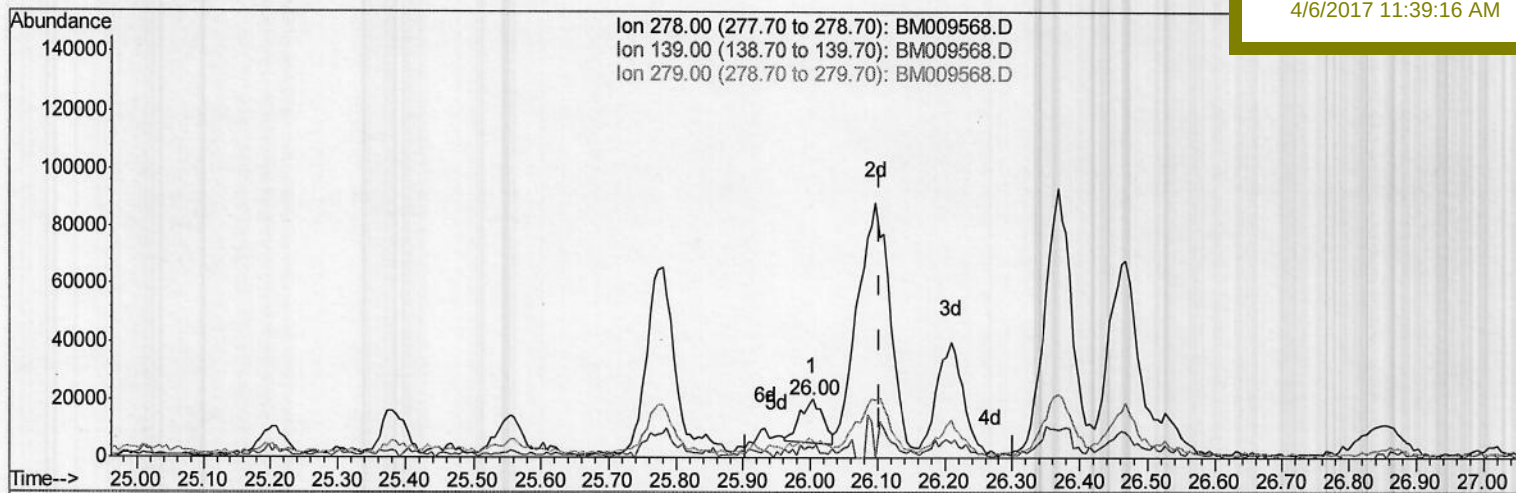
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009568.D
Acq On : 05 Apr 2017 21:22
Operator : SJ/MA
Sample : I2285-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 03:52:04 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB340

Manual Integrations
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TIC: BM009568.D

(29) Dibenzo(a,h)anthracene

26.003min (-0.100) 0.60ng/ul

response 35096

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	17.50
279.00	25.80	29.06
0.00	0.00	0.00

Quantitation Report (Qedit)

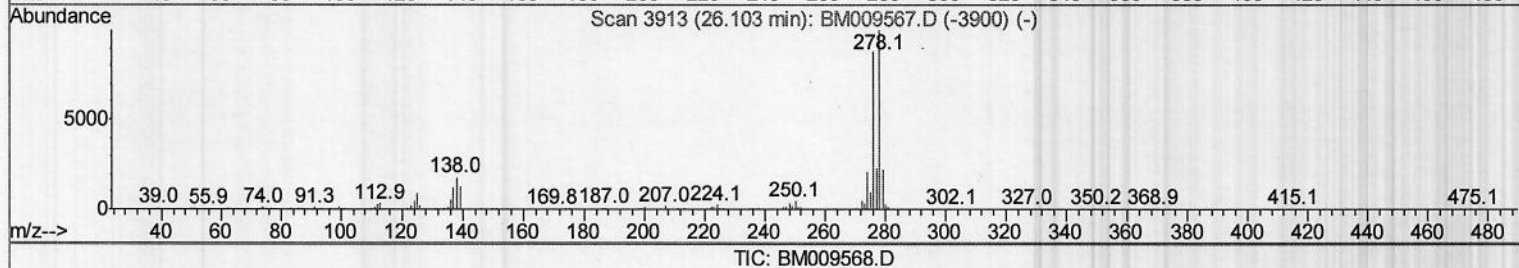
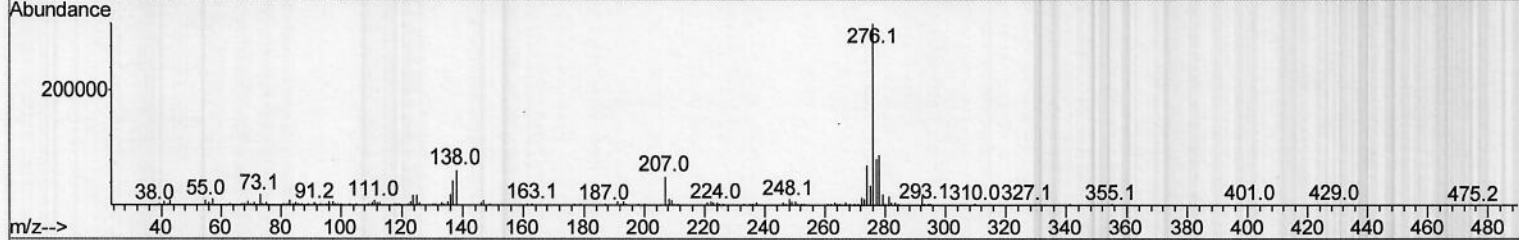
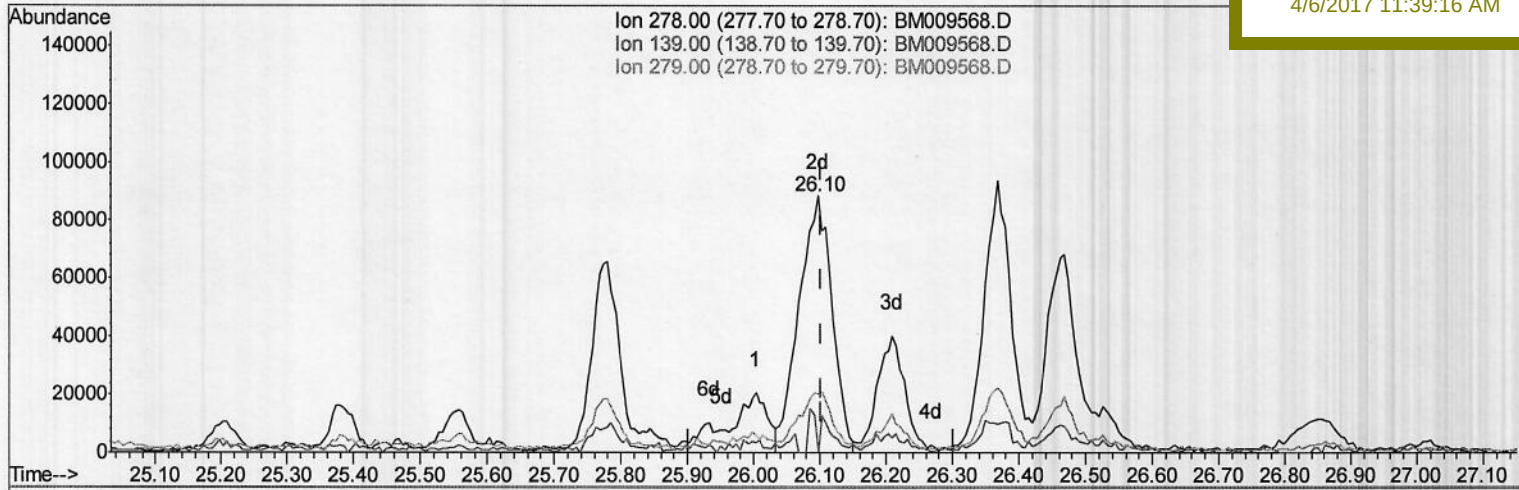
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009568.D
 Acq On : 05 Apr 2017 21:22
 Operator : SJ/MA
 Sample : I2285-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 03:52:04 2017
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Instrument :
 BNA_M
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Manual Integrations
 APPROVED

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 4/6/2017 11:39:16 AM



TIC: BM009568.D

(29) Dibenzo(a,h)anthracene

26.097min (-0.006) 5.18ng/ul m

response 303931

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	0.00#
279.00	25.80	22.69
0.00	0.00	0.00

55
 04/10/2017

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009568.D
 Acq On : 05 Apr 2017 21:22
 Operator : SJ/MA
 Sample : I2285-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	140903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	563523	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	318606	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	757159	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1098890	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1046352	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	3719	0.43	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	378991	12.14	ng/ul	0.00
10) Fluorene-d10	15.48	176	299135	13.32	ng/ul	0.00
15) Anthracene-d10	17.33	188	486535	13.43	ng/ul	0.00
19) Pyrene-d10	19.63	212	612565	13.56	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	624019	13.51	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.69	128	67390	2.33	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	29050	1.38	ng/ul	84
8) Acenaphthylene	14.21	152	58031	1.85	ng/ul	94
9) Acenaphthene	14.55	153	82373	3.82	ng/ul	97
11) Fluorene	15.53	166	103868	3.94	ng/ul	95
14) Phenanthrene	17.28	178	1808278	42.48	ng/ul	97
16) Anthracene	17.37	178	452054	10.27	ng/ul	97
17) Fluoranthene	19.29	202	3247560	61.26	ng/ul	96
20) Pyrene	19.66	202	2845377	47.55	ng/ul	96
21) Benzo(a)anthracene	21.40	228	1980295	31.87	ng/ul	99
22) Chrysene	21.45	228	1597930	28.06	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	2156642	33.33	ng/ul	98
25) Benzo(k)fluoranthene	23.07	252	810529m	13.15	ng/ul	94
27) Benzo(a)pyrene	23.63	252	1654656m	26.89	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.09	276	962733	13.96	ng/ul#	
29) Dibenzo(a,h)anthracene	26.10	278	303931m	5.18	ng/ul	
30) Benzo(a,h,i)perylene	26.82	276	826500	14.53	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SJ
 04/10/2017